

## ABSTRACT

Disclosed is a method for transmitting a packet through a plurality of physical links in a mobile communication system in which a base station controller (BSC) is connected to a base transceiver system (BTS) through the plurality of physical links. The method includes the steps of determining whether a specific service uses at least two links, when there is transmission data for the service; setting up a sequence number in the transmission packet, when the service uses at least two links; and transmitting the packet through a link selected from the two links.